

Title (en)
Method to vary dimensions of a substrate during nano-scale manufacturing

Title (de)
System zur Änderung der Abmessungen einer Vorlage

Title (fr)
Système pour faire varier les dimensions d'un modèle

Publication
EP 2267531 A3 20110105 (EN)

Application
EP 10182998 A 20050601

Priority

- EP 10160309 A 20050601
- EP 05768764 A 20050601
- US 57687904 P 20040603
- US 99989804 A 20041130

Abstract (en)
[origin: EP2267531A2] A method for varying dimensions of a substrate supported by a chuck, said substrate having an edge facing bodies of an actuator assembly, each of said bodies being coupled to a lever arm, said bodies defining an area there between, said method comprising: positioning the substrate within said area defined by said bodies, applying compressive forces to said substrate with said actuator assembly, imparting an angular movement to the lever arm about a pivot axis, the lever arm undergoing rotational movement causing body to undergo translational movement toward the substrate in a direction extending transversely to pivot axis.

IPC 8 full level
G03F 7/00 (2006.01); **B29C 43/02** (2006.01); **B81C 99/00** (2010.01); **G03B 27/58** (2006.01)

CPC (source: EP KR US)
B82Y 10/00 (2013.01 - EP KR US); **B82Y 40/00** (2013.01 - EP KR US); **G03B 27/58** (2013.01 - EP KR US); **G03F 7/0002** (2013.01 - EP KR US); **G03F 7/707** (2013.01 - KR)

Citation (search report)

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- [A] US 2003081193 A1 20030501 - WHITE DONALD L [US], et al
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005270516 A1 20051208; AT E479130 T1 20100915; AT E534937 T1 20111215; CN 1981236 A 20070613; CN 1981236 B 20100421; DE 602005023153 D1 20101007; EP 1754108 A2 20070221; EP 1754108 A4 20071024; EP 1754108 B1 20100825; EP 2207061 A2 20100714; EP 2207061 A3 20100901; EP 2207061 B1 20111123; EP 2267531 A2 20101229; EP 2267531 A3 20110105; EP 2267531 B1 20160810; JP 2008504141 A 20080214; JP 4688872 B2 20110525; KR 101113030 B1 20120314; KR 20070031334 A 20070319; TW 200611062 A 20060401; TW I298816 B 20080711; US 2005269745 A1 20051208; US 2006001194 A1 20060105; US 2006001857 A1 20060105; US 7170589 B2 20070130; US 7298456 B2 20071120; US 7420654 B2 20080902; WO 2005121892 A2 20051222; WO 2005121892 A3 20060504

DOCDB simple family (application)
US 99989804 A 20041130; AT 05768764 T 20050601; AT 10160309 T 20050601; CN 200580022975 A 20050601; DE 602005023153 T 20050601; EP 05768764 A 20050601; EP 10160309 A 20050601; EP 10182998 A 20050601; JP 2007515470 A 20050601; KR 20067026934 A 20050601; TW 94118140 A 20050602; US 14280805 A 20050601; US 14283405 A 20050601; US 14283905 A 20050601; US 2005018991 W 20050601